April, May and June Programs Red Rock Canyon Interpretive Association To sign up, please call (702) 515-5367.

APRIL

Tuesday April 17, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area. Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Wednesday April 18, Birding with the Ranger- Come join Ranger Jim on a fascinating excursion into the world of bird watching. Join us while we brave the ornithological primeval world of nature, and observe the real life of birds. Easy, 1 mile. Ages 15+. Limited space.

Saturday April 21, Earth Day Celebration- Join the staff at Red Rock Canyon NCA for a celebration of Earth Day! We will have table top presentations and fun things to participate in! Ongoing from 10am-2pm, no sign ups necessary! Good for all ages!

Monday April 23, Keystone Thrust Fault Geology and Nature Hike- Join geologist Nick S. and naturalist Jen V. on a hike to see an eroded window through a thrust sheet that exposes Jurassic sandstone below. We will also observe and discuss plants and animals encountered along the trial. Moderate to strenuous, 2.5 miles. Ages 10+. Limited space.

Monday April 23, Cottonwood Valley Star and Meteor Hike- Flat and expansive, Cottonwood Valley is a perfect place for a night hike. Because we will visit on the tail end of the Lyrid Meteor Shower, we will keep our eyes turned to the stars to look for shooting stars. We will also learn the stories of several popular constellations. Moderate, 4 miles. Bring a flashlight! Ages 12+. Limited space.

Monday April 23, Bats of Red Rock- Come join Ranger Jim on a fascinating excursion into the night world of bats. We will spend the evening at Red Springs. We will be sitting on the ground, and moving up and down the trail. Bring a snack, water and dress for the weather. Easy, 1/2 mile. Ages 15+. Limited space.

Tuesday April 24, Art Naturally- Come try painting at Red Rock with Jenny! This Tuesday, bring yourself and a love for nature as we create a masterpiece worth showing off! This is a "no pressure," all fun art class! No experience necessary and all supplies are included! Ages 15+.

Tuesday April 24, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area.

Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Wednesday April 25, Blooming Hike- Flowers, flowers, everywhere! Learn about the blooms of Red Rock with Ranger Jim! Dress for the weather! Easy, 2 miles. Good for all ages. Limited space!

Wednesday April 25, Photography of Fossil Ridge Hike- Few places in Southern Nevada can rival the beauty of Fossil Ridge in Red Rock Canyon. On this photography based walk, join Aaron and Jen V. to explore the area and learn the basics of nature photography. We will stop at a variety of locations to try our skills. You'll leave with some great photos, and an understanding of why we protect Red Rock Canyon. Bring a camera and a tripod if you have one! Moderate, 2.5 miles. Limited space.

Friday April 27, Canyon Clean Up- Join Janis in an effort to help keep Red Rock Canyon NCA clean and beautiful! We will pick up a trail to clean up trash, enjoy the scenery and meet new people. Easy. Good for all ages.

Saturday April 28, Wildflowers IX: Calico Basin Hike- This is the ninth spring wildflower hike of 2012. This picturesque hike includes colorful rock formations, springs, birds, reptiles, and hopefully, many spring wildflowers. Join Dr. Bob and Liz on this adventure! Easy to moderate, 3 miles. Limited space.

Saturday April 28, Astronomy Day and Evening Events- The Las Vegas Astronomical Society will have member telescopes to view objects in our night sky. Bring your own telescopes or binoculars if you have them. You may also bring chairs for comfort and snacks. Dress for the weather! The program will be held in and around the Visitor Center. There will be a day time session from 10am-3pm, as well as an evening session from 7pm-11pm. Stay as long or as little as you would like, however you must arrive by 8:00pm, as the gates will be locked at this time. All ages. No sign ups necessary.

Monday April 30, The Birds and Geology of Red Spring- The Red Spring area of Calico Basin offers a great habitat for a variety of birds and the close up sandstone formations help us to understand the geology of the area. Join Jen V. and Nick S. for this easy 2 mile walk around the boardwalk and beyond! Ages 12+. Limited space.

MAY

Tuesday May 1, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area. Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn

about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Wednesday May 2, Pine Creek Hike- Come experience the beauty of Red Rock with Liz and Jen V. In Pine Creek we will find the lowest elevation for Pinyon Pine trees, as well as some interesting history of the Las Vegas valley. We will come across the Wilson's homestead and garden. Bring a snack to enjoy at the creek! Moderate, 3.3 miles. Ages 10+. Limited space.

Saturday May 5, Mascot Max- Saturday April 7, Mascot Max- Come out to Red Rock Canyon NCA and meet "Mascot Max," a representation of Mojave Max, and learn some interesting facts about Nevada's State Reptile, the Desert Tortoise! No sign ups necessary.

Sunday May 6, Calico 1 Full Moon Hike- The Calico 1 trail is directly in the middle of Red Rock Canyon, giving it great views in all directions. This makes it a great place to see the sun fade away and the brightest full moon of the year pass across the sky. Join Aaron to experience a different side of Red Rock Canyon. Bring a flashlight! Moderate, 3 miles. Ages 10+. Limited space.

Sunday May 6, Wildflowers X: Pine Creek, South Fork- Enjoy this tenth hike emphasizing wildflowers. A rest stop by the trickling waters and pool zone behind the old homestead, and a walk along the south fork of Pine Creek will be added highlights of this hike. Easy to moderate, 4 miles. Ages 6+. Limited space.

Monday May 7, Oak Creek Canyon around Potato Knoll Nature and Geology Hike- Join naturalist Jen V. and geologist Nick S. on a moderate hike in Oak Creek Canyon around Potato Knoll. Potato Knoll is a slump block that broke off from the Wilson Cliffs thousands of years ago. We will cross the creek, which should be flowing, several times on the hike. We will discuss the geology and plants and animals encountered on the hike. Moderate, 3 miles. Ages 10+. Limited space.

Tuesday May 8, Art Naturally- Come try painting at Red Rock with Jenny! This Tuesday, bring yourself and a love for nature as we create a masterpiece worth showing off! This is a "no pressure," all fun art class! No experience necessary and all supplies are included! Ages 15+.

Tuesday May 8, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area. Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Wednesday May 9, Sketching Wildflower Hike- Come join Jen V. and LIz on this beautiful hike to the First Creek grotto. First Creek offers lush green areas, wildflowers, flowing waterfalls, and much more! We will be looking for wildflowers and wildlife. Bring a snack to enjoy a

break at the waterfall. Also, bring a sketch book. Some paper and color pencils will be provided. We will take two 15 minute breaks to draw and sketch pictures. No experience necessary, just love and patience for the outdoors! Sketching is not required, however if you are signing up, please be considerate of the time others might take. Moderate, 3.3 miles. Ages 12+. Limited space.

Friday May 11, Canyon Clean Up- Join Janis in an effort to help keep Red Rock Canyon NCA clean and beautiful! We will pick up a trail to clean up trash, enjoy the scenery and meet new people. Easy. Good for all ages.

Saturday May 12, Second Saturday Salon- Come out to Red Rock Canyon NCA and meet Dr. Bob Peloquin, who will share his knowledge of venomous animals of the Mojave Desert. Be sure to RSVP, as seating is limited!

Sunday May 13, Discovery Trail- This one mile adventure with George is for children and adults. On the way to the Grotto and waterfall, we will talk about the plants in this environment, and why is there an ancient seabed on top of younger sandstone? Easy 1 mile. Limited space.

Sunday May 13, Wildflowers XI: La Madre Spring- This hike with Dr. Bob features a climb through different life zones, a permanent spring, great scenery, a bit of history and a sense that you are close to mountain lion habitat. Moderate, 5 miles. Ages 10+. Limited space.

Monday May 14, Old Spanish Trail: History, Geology and Nature Hike- Join geologist Nick S. and naturalist Aaron on an easy hike along the Old Spanish Trail. The Old Spanish Trail, 1829-1848, was a trading route established when Nevada was part of Mexico. Capt. Freeman and Kit Carson rode the trail in 1844. We will also see Tertiary landslide deposit and will discuss the plants and animals encountered along the trail. Easy, 2 miles. Ages 10+. Limited space.

Monday May 14, Colors of Red Rock Jewelry Making- Join Jen V. as we get inspired by the beautiful colors of Red Rock Canyon to create your own beaded necklace, bracelet or earrings. All materials will be provided, but please bring any beads and supplies that you may already have. Beginner to advanced. Ages 12+. Limited space.

Tuesday May 15, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area. Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Wednesday May 16, La Madre Spring Hike- La Madre Spring hike is a great area to observe the amazing geology of Red Rock's Keystone Thrust Fault zone. It is also a great place to spot Big Horn Sheep and the many birds of Red Rock. Join Liz and Jen V. on a search for

wildflowers and other plants. Find out how natives found uses for their resources in order to survive in the harsh desert environment. Moderate, 3.3 miles. Ages 15+. Limited space.

Sunday May 20, Moenkopi Loop- This two mile hike with George is great for beginners of all ages. Why is Moenkopi Trail on ancient limestone seabed? Are Calico Hills petrified sand dunes? We will hike past Yucca, Creosote Bush, Joshua Trees and many more desert adapted plants on this great hike. Easy, 2 miles. Ages 5+. Limited space.

Monday May 21, Pine Creek Canyon Plant and Nature Hike- Pine Creek offers some of the most diverse plant communities within Red Rock Canyon. Join Jen V. and George as we explore the beautiful plant life and explore the canyon with a little bit of scrambling to a waterfall. Moderate to strenuous, 5 miles. Ages 12+. Limited space.

Tuesday May 22, Art Naturally- Come try painting at Red Rock with Jenny! This Tuesday, bring yourself and a love for nature as we create a masterpiece worth showing off! This is a "no pressure," all fun art class! No experience necessary and all supplies are included! Ages 15+.

Wednesday May 23, Calico Tank Hike- Come join Liz and Jen V. on a hike to the Calico Tank "tinaja." This hike requires some tricky rock scrambling, but it also offers a beautiful view of Las Vegas and Red Rock. We will also get to see diversity in plant life in the desert, and "prehistoric kitchens." We will take a break at the tank and hope to see some water! Bring a snack! Moderate, 2.5 miles with scrambling. Ages 15+. Limited space.

Friday May 25, Canyon Clean Up- Join Janis in an effort to help keep Red Rock Canyon NCA clean and beautiful! We will pick up a trail to clean up trash, enjoy the scenery and meet new people. Easy. Good for all ages.

Saturday May 26, Butterfly Day- Come out to Red Rock Canyon NCA and join us for a fun filled day, learning all about butterflies! We will have a craft table for kids, dress up like a butterfly props, two presentations from butterfly expert Adriane Grimaldi, and lots of other table tops with information on butterflies! No sign ups necessary. On-going in the Visitor Center between 9:00am-3:00pm.

Wednesday May 30, Medicinal Plants of the Moenkopi- Red Rock Canyon can be good for your health...literally! Besides being home to a variety of recreational opportunities, the canyon is habitat for a number of extremely useful desert plants. Join Aaron and Jen V. to discover ways that Natives used the plants, as well as advances in modern medicine from these same plants. Easy, 2 miles. Limited space.

JUNE

Saturday June 2, Meet Mascot Max!- Come out to Red Rock Canyon NCA and meet "Mascot Max," a representation of Mojave Max, and learn some interesting facts about Nevada's State Reptile, the Desert Tortoise! No sign ups necessary.

Sunday June 3, Moenkopi Loop- This two mile hike with George is great for beginners of all ages. Why is Moenkopi Trail on ancient limestone seabed? Are Calico Hills petrified sand dunes? We will hike past Yucca, Creosote Bush, Joshua Trees and many more desert adapted plants on this great hike. Easy, 2 miles. Ages 5+. Limited space.

Monday June 4, Gila Monster Quest- Join Jen V. and Nick S. as we hope to find the elusive gila monster in some prime habitat that also provides us with some unusual plant life in a moist, sandy area of Ash Springs. Bring your lucky charm with you as we go on this easy-paced walk to search for our orange and black reptile. Easy, 1-2 miles. Ages 12+. Limited space.

Monday June 4, Red Springs Night Hike- Red Springs is the essence of the canyon with full colorful mountains, lush vegetation, and flowing springs. This makes it a great place for a night hike! Join Aaron as we tour the area, learning about the constellations and the stories they tell. Bring a flashlight! Moderate, 3 miles. Ages 12+. Limited space.

Tuesday June 5, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area. Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Friday June 8, Canyon Clean Up- Join Janis in an effort to help keep Red Rock Canyon NCA clean and beautiful! We will pick up a trail to clean up trash, enjoy the scenery and meet new people. Easy. Good for all ages.

Saturday June 9, Second Saturday Salon- Come out to Red Rock Canyon NCA and meet Fran Byers who will share her knowledge of water safety with us. Please be sure to RSVP, as seating is limited. Good for all ages!

Saturday June 9, Corn Creek Spring Walk- Corn Creek Spring rises to the surface at a fault and feeds three ponds at this headquarters of the Desert National Wildlife Refuge. It is a major bird watching area and is prime habitat for aquatic plants and animals. Join Dr. Bob during the morning to observe all these creatures in a surprising and historical setting. This hike is NOT at Red Rock Canyon NCA. Easy, 1/2 mile. Good for all ages. Limited space.

Sunday June 10, Discovery Trail- This one mile adventure with George is for children and adults. On the way to the Grotto and waterfall, we will talk about the plants in this environment, and why is there an ancient seabed on top of younger sandstone? Easy 1 mile. Limited space.

Sunday June 10, Springs Hike/Raptors and Eagles- This hike with Dr. Bob and Liz will focus on the wildflowers and animals occurring at some of Red Rock Canyon's springs. Likely springs are Whispering Ben, Mormon Green and Wheeler Camp Spring. We'll also look for raptors and their nests, and consider whether all types, including eagles, should be in this area. Easy, 3 miles. Ages 6+. Limited space.

Monday June 11, First Creek and Grotto Geology and Nature Hike- Join geologist Nick S. and naturalist Jen V. on a three-mile hike from the trailhead on Route 159 where we will see and discuss the geology, plants and wildlife encountered along the trail. The Grotto is a cool little waterfall and pool carved in the Triassic Shinarump Conglomerate. Easy to moderate, 3 miles. Ages 10+. Limited space.

Tuesday June 12, Art Naturally- Come try painting at Red Rock with Jenny! This Tuesday, bring yourself and a love for nature as we create a masterpiece worth showing off! This is a "no pressure," all fun art class! No experience necessary and all supplies are included! Ages 15+.

Tuesday June 12, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area. Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Wednesday June 13, Photography of the Moenkopi Walk- Few places in Southern Nevada can rival the beauty of Red Rock Canyon. On this photography based walk, join Aaron and Jen V. to explore the Moenkopi and learn the basics of nature photography. We will stop at a variety of locations to try our skills. You'll leave with some great photos, and an understanding of why we protect Red Rock Canyon. Bring a camera and a tripod if you have one! Moderate, 2.5 miles. Limited space.

Monday June 18, La Madre Spring Nature and Geology Hike- Join naturalist Jen V. and geologist Nick S. on this moderate hike to La Madre Spring. We'll see the famous Keystone Thrust, and there should be plenty of colorful plants and flowers along the way. We may get a chance to see some wildlife activity at the spring. Bring your binoculars! Moderate, 3 miles. Ages 12+. Limited space.

Monday June 18, Fossil Ridge Star Hike- No moon will rise this evening, making this dark night a particularly good time to view the night sky. Join Aaron on this moderate 3 mile hike to learn the summer constellations and some of the famous stories behind them. Bring a flashlight! Moderate, 3 miles. Ages 12+. Limited space.

Tuesday June 19, Red Rock Canyon Animal Table Top- View some of the types of arachnids, reptiles, birds and mammals found in the Red Rock Canyon National Conservation Area. Living and preserved specimens will be on display and discussion and questions are encouraged! Visit Dr. Bob in the Visitor Center from 11am-12pm for a few minutes to learn about these animals. No sign ups necessary. This is not a lecture, but rather an extra addition to your overall visit to Red Rock!

Wednesday June 20, Medicinal Plants of the Moenkopi- Red Rock Canyon can be good for your health...literally! Besides being home to a variety of recreational opportunities, the canyon is habitat for a number of extremely useful desert plants. Join Aaron and Jen V. to discover ways that Natives used the plants, as well as advances in modern medicine from these same plants. Easy, 2 miles. Limited space.

Saturday June 23, Fossil Ridge- This hike with Dr. Bob and George features some climbing, great views of Red Rock Canyon, and a look back into history. We'll view rocks and fossils formed during the Permian (250 mya), the age of the greatest extinction on Earth. We'll also view rocks formed later when the first dinosaurs appeared. Easy to moderate, 3 miles. Ages 6+. Limited space.

Sunday June 24, Calico Basin Hike- This picturesque hike with Dr. Bob, Liz and Jen V. includes colorful rock formations, springs, birds, reptiles and possibly some wildflowers. Easy to moderate, 3 miles. Good for all ages. Limited space.

Monday June 25, Red Spring Fault Zone Geology and Nature Hike- Join naturalist Jen V. and geologist Nick S. on a hike to the Red Spring Fault from Sandstone Quarry. We will be able to hike on top of and go inside a fault zone, and enjoy beautiful Red Rock scenery! We will also see and discuss plants and wildlife encountered on the trail. Moderate to strenuous, 2.5 miles. Ages 10+. Limited space.

Tuesday June 26, Art Naturally- Come try painting at Red Rock with Jenny! This Tuesday, bring yourself and a love for nature as we create a masterpiece worth showing off! This is a "no pressure," all fun art class! No experience necessary and all supplies are included! Ages 15+.

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Friday June 29, Canyon Clean Up- Join Janis in an effort to help keep Red Rock Canyon NCA clean and beautiful! We will pick up a trail to clean up trash, enjoy the scenery and meet new people. Easy. Good for all ages.